

=> s ep0174042/pn  
L2 1 EP0174042/PN  
(EPI74042/PN)

=> d all

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
AN 1986:479938 CAPLUS  
DN 105:79938  
TI Manufacture and processing of a resin composition  
PA DSM Resins B. V., Neth.  
SO Neth. Appl., 11 pp.  
CODEN: NAXXAN  
DT Patent  
LA Dutch  
IC ICM D06N001-00  
ICS C09D003-28; C09F001-04; C09F007-00  
CC 37-6 (Plastics Manufacture and Processing)  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NL 8402455	A	19860303	NL 1984-2455	19840809
	EP 174042	A2	19860312	EP 1985-201265	19850803 <--
	EP 174042	A3	19860319		
	EP 174042	B1	19880622		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	AT 35279	E	19880715	AT 1985-201265	19850803
	US 4686270	A	19870811	US 1985-762325	19850805
	CA 1237214	A1	19880524	CA 1985-488206	19850807
	ES 545996	A1	19860601	ES 1985-545996	19850808
	JP 61062518	A2	19860331	JP 1985-174431	19850809
	US 4694033	A	19870915	US 1986-826976	19860207
PRAI	NL 1984-2455		19840809		
	EP 1985-201265		19850803		
	US 1985-762325		19850805		
	NL 1985-3379		19851207		
	NL 1986-266		19860204		
AB	A resin compn., esp. suitable as a linoleum mix, is prepd. by reacting an epoxidized fatty ester prepd. from polyhydroxyalcs. and monocarboxylic acids with a carboxylic acid-modified fatty acid prepd. from plant-derived oil and an unsatd. acid at 60-150.degree. (preferably 80-120.degree.). Thus, an elastic tough linoleum compn. was prepd. from a 1:1 wt. mixt. of a resin prepd. from epoxidized linseed oil 60, rosin 40, and (iso-Bu)3N (catalyst) 1 wt. part at 180.degree. and a resin prepd. from 878 wt. parts linseed oil and 294 wt. parts maleic anhydride at 225.degree. for 4 h, with cork meal and chalk fillers and pigments, at 180.degree. for 3 h.				
ST	linoleum resin linseed oil; maleated epoxidized linseed oil linoleum; carboxylic modified linseed oil linoleum				
IT	Alkyd resins				
	Castor oil				
	Olive oil				
	Rape oil				
	Safflower oil				
	RL: USES (Uses)				
	(carboxylated, linoleum compns. prepd. from)				
IT	Linseed oil				
	Soybean oil				
	Tall oil				
	RL: USES (Uses)				
	(epoxidized or maleated, linoleum compns. prepd. from)				
IT	Sunflower oil				
	RL: USES (Uses)				
	(epoxidized, linoleum compns. prepd. from)				

IT Rosin  
 RL: PREP (Preparation)  
 (linseed oil modified with, in prepn. of linoleum compns.)

IT Linoleum  
 (resin compns. for, linseed oil-derived)

IT 56-81-5, uses and miscellaneous 65-85-0, uses and miscellaneous  
 77-99-6 79-10-7, uses and miscellaneous 79-41-4, uses and  
 miscellaneous 88-98-2 88-99-3, uses and miscellaneous 98-73-7  
 110-16-7, uses and miscellaneous 110-17-8, uses and miscellaneous  
 110-44-1 115-77-5, uses and miscellaneous 528-44-9 1330-70-7  
 1687-30-5 3724-65-0 41539-58-6

RL: USES (Uses)  
 (plant-derived oil modified with, in prepn. of linoleum compns.)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
12.43	12.58

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.24	-1.24

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 13:26:33 ON 25 JAN 2002

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 5026770 A Relevance Rank: 99

L1: Entry 1 of 1

File: USPT

Jun 25, 1991

US-PAT-NO: 5026770DOCUMENT-IDENTIFIER: US 5026770 A

TITLE: Resin composition and process for preparing this resin composition

DATE-ISSUED: June 25, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smeets; Paulus J. H. M.	Meerssen			NLX
Paas; Caspar G. M.	Heerlen			NLX
Kraanen; Willem P. M.	Sittard			NLX

US-CL-CURRENT: 525/7.1, 525/44, 525/48, 525/7.4

## ABSTRACT:

The invention relates to a resin composition comprising a mixture of resins, a first resin of which consists of the reaction product of an epoxidized fatty acid ester of a polyvalent alcohol with a carboxylic acid and a second resin consists of an ester of a polyvalent alcohol, modified with carboxylic acid.

The resin mixture, contains an unsaturated polyester resin having a molecular weight of 1200-20,000 per double bond and an acid number of 5-50, from about 50% to about 90% of the unsaturation being formed by a semi-ester of an alpha.,beta.-unsaturated dicarboxylic acid.

8 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title
CLS.1	

Generate Collection

Terms	Documents
5026770	1

Display

50

Documents, starting with Document:

1

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**

☐ 1. Document ID: JP 2001514691 W, DE 19709477 A1, WO 9840427 A1, AU 9865000 A, NO 9904218 A, EP 964882 A1, CZ 9903109 A3, SK 9901207 A3, HU 200003799 A2, KR 2000076036 A, US 6248405 B1      Relevance Rank: 99

L2: Entry 1 of 1

File: DWPI

Sep 11, 2001

DERWENT-ACC-NO: 1998-482109

DERWENT-WEEK: 200167

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Sheet containing reaction product of di or poly:carboxylic acid - has epoxidised carboxylic acid ester and cured by UV radiation, useful as printable or embossable floor covering

INVENTOR: ESS, M; JUNG, B ; KASTL, B

PRIORITY-DATA: 1997DE-1009477 (March 7, 1997)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001514691 W	September 11, 2001		023	C08G059/14
DE 19709477 A1	September 10, 1998	G	007	C08L067/08
WO 9840427 A1	September 17, 1998	G	000	C08G059/14
AU 9865000 A	September 29, 1998		000	C08G059/14
NO 9904218 A	August 31, 1999		000	C08G000/00
EP 964882 A1	December 22, 1999	G	000	C08G059/14
CZ 9903109 A3	March 15, 2000		000	C08G059/14
SK 9901207 A3	June 12, 2000		000	C08G059/14
HU 200003799 A2	February 28, 2001		000	C08G059/14
KR 2000076036 A	December 26, 2000		000	C08G059/14
US 6248405 B1	June 19, 2001		000	B05D001/38

INT-CL (IPC): B05D 1/38; B32B 19/04; B32B 27/26; B32B 27/38; C08F 2/48; C08F 299/02; C08G 0/00; C08G 59/14; C08J 3/28; C08K 5/07; C08K 5/08; C08K 5/42; C08K 5/5397; C08L 67/08; C08L 93/00; C09D 133/04; C09D 175/14; D06N 1/00

ABSTRACTED-PUB-NO: DE 19709477A

## BASIC-ABSTRACT:

The material (I) contains a poly-reaction product prepared by conversion of at least one di- or polycarboxylic acid or derivative with at one epoxidised product of a carboxylic acid ester and hardening of the product by UV irradiation in the presence of a UV initiator or electron beam radiation. Also claimed is a sheet structure (II) comprising a substrate layer (A), a top layer (B) and optionally a bottom layer (C) that is a chemically or mechanically foamed layer. A compact or base layer (D) is optionally placed between (A) and (B) and/or (A) and (C). The coating composition for

layers (B), (C) and (D) contains (I) whereby layers (C) and (D) are hardened by UV, electron beam or thermally and no UV initiator are necessary for the thermal hardening of (C) and (D).

USE - The sheet (II) is useful as a floor covering.

ADVANTAGE - The sheet (II) is printable or may be embossed and does not cause colouring of the transparent top layer.

ABSTRACTED-PUB-NO:

US 6248405B EQUIVALENT-ABSTRACTS:

The material (I) contains a poly-reaction product prepared by conversion of at least one di- or polycarboxylic acid or derivative with at one epoxidised product of a carboxylic acid ester and hardening of the product by UV irradiation in the presence of a UV initiator or electron beam radiation. Also claimed is a sheet structure (II) comprising a substrate layer (A), a top layer (B) and optionally a bottom layer (C) that is a chemically or mechanically foamed layer. A compact or base layer (D) is optionally placed between (A) and (B) and/or (A) and (C). The coating composition for layers (B), (C) and (D) contains (I) whereby layers (C) and (D) are hardened by UV, electron beam or thermally and no UV initiator are necessary for the thermal hardening of (C) and (D).

USE - The sheet (II) is useful as a floor covering.

ADVANTAGE - The sheet (II) is printable or may be embossed and does not cause colouring of the transparent top layer.

Full Title CLS.1

Generate Collection

Terms	Documents
9840427	1

Display

50

Documents, starting with Document: 1

**Display Format:**

REV

Change Format

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 6248405 B1 Relevance Rank: 99

L3: Entry 1 of 1

File: USPT

Jun 19, 2001

US-PAT-NO: 6248405DOCUMENT-IDENTIFIER: US 6248405 B1

TITLE: Material containing polyreaction products for the coating layer of planar structures

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kastl; Bernd	Bietigheim-Bissingen			DEX
Ess; Milko	Freiberg			DEX
Jung; Bernhard	Weinsberg			DEX

US-CL-CURRENT: 427/411; 427/407.1; 427/412; 427/508; 427/513; 428/455; 428/456

## ABSTRACT:

The present invention relates to materials containing polyreaction products cured by UV radiation in presence of at least one UV initiator and/or electron radiation and/or IR radiation, planar structures based on renewable raw materials which contain these materials particularly in the coating layer, and methods of the production of said planar structures.

25 Claims, 1 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KY/MC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	-----------	-------

[Generate Collection](#)

Terms	Documents
6248405	1

[Display](#)[50](#)

Documents, starting with Document:

[1](#)